Public Health Service, HHS

TABLES TO SUBPART H OF PART 84

TABLE 1—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 1, IN MINUTES [42 CFR part 84, subpart H]

	Service time—										
Activity	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3, and 4 hours			
Sampling and readings				2	2	2	2	Perform 1 hour test 2, 3, or 4 times respec- tively.			
Walks at 4.8 km. (3 miles) per hour.	3	5	3	4	8	12	18				
Sampling and readings			2	2	2	2	2				
Walks at 4.8 km. (3 miles) per hour.			3	5	8	12	18				
Sampling and readings			2	2	2	2	2				
Walks at 4.8 km. (3 miles) per hour.					6	13	16				
Sampling and readings					2	2	2				

TABLE 2—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 2, IN MINUTES [42 CFR part 84, subpart H]

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				Servi	ce time—			
Activity	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours ¹
Sampling and readings Walks at 4.8 km. (3 miles) per				2	2	2	2	2
hour			1	1	3	4	6	10.
over overcast			1 time in 2 minutes	1 time in 2 minutes	2 times in 4 minutes	3 times in 6 minutes	4 times in 8 minutes	5 times in 10 minutes.
Walks at 4.8 km. (3 miles) per hour				1	3	3	3	5.
equivalent)	1	1	1	1	1	1	1	1.
Walks at 4.8 km. (3 miles) per hour		1	1			2	3	5
alent) Sampling and readings		1			2	1 2	1 2	1. 2.
Walks at 4.8 km. (3 miles) per					_	_		
hour Climbs vertical treadmill (or equiv-				2	2	3	5	11.
alent)				1	1	1	1	1.
over overcast				1 time in 2 minutes	3 times in 6 minutes	4 times in 8 minutes	5 times in 10	5 times in 10
Sampling and readings			2			2	minutes 2	minutes. 2.
hour				1	3	3	3	
alent)			1	1	1	1	1	Then repeat above activities once.
Walks at 4.8 km. (3 miles) per hour			2			2	3	
Climbs vertical treadmill (or equivalent)						1	1	
and walks at 4.8 km. (3 miles) per hour	1						2	
hour	1	2				1	4	

Pt. 84, Subpt. H, Tables

TABLE 2—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 2, IN MINUTES—Continued [42 CFR part 84, subpart H]

	Service time—									
Activity	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours ¹		
Sampling and readings				2	2	2	2			

TABLE 3—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 3, IN MINUTES [42 CFR part 84, subpart H]

	Service time—									
Activity	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours 1		
Sampling and readings				2	2	2	2	(2)		
Valks at 4.8 km. (3 miles) per hour			1	1	2	2	3			
Runs at 9.7 km. (6 miles) per hour Pulls 20 kg. (45 pound) weight to 5	1	1	1	1	1	1	1			
feet		15 times		30 times	30 times	30 times	60 times			
		in 1		in 2	in 2	in 2	in 6			
		minute		minutes	minutes	minutes	minutes			
ies on side	1/2	1	1	2	3	4	5			
ies on back	1/2	1	1	2	2	3	3			
Crawls on hands and knees	1	1	1	2	2	2	2			
ampling and readings			2		2	2	2			
Runs at 9.7 km. (6 miles) per hour				1	1	1	1			
Valks at 4.8 km. (3 miles) per hour Pulls 20 kg. (45 pound) weight to 5					2	8	10			
feet			30 times		60 times	60 times	60 times			
			in 2		in 6	in 6	in 6			
			minutes		minutes	minutes	minutes			
ampling and readings				2		2	2			
Valks at 4.8 km. (3 miles) per hour			1		3	4	10			
ies on side						2	4			
ies on back						2	1			
Sampling and readings					2	2	2			

¹ Total test time for Test 3 for 2-hour, 3-hour, and 4-hour apparatus is 2 hours. ² Perform test No. 3 for 1 hr. apparatus; then perform test No. 1 for 1 hour apparatus.

TABLE 4—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 4, IN MINUTES [42 CFR part 84, subpart H]

					Service	time—				
Activity	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2 hours	3 hours	4 hours
Sampling and readings Walks at 4.8 km. (3 miles) per				2	2	2	2	(2)	(3)	(4)
hour Climbs vertical				1	2	2	2			
treadmill 1 (or equivalent) Walks at 4.8 km.	1	1	1	1	1	1	1			
(3 miles) per hour Pulls 20 kg. (45 pound) weight		1	1	1	2	2	2			
to 5 feet		30 times in 2 minutes	30 times in 2 minutes	30 times in 2 minutes	60 times in 5 minutes	60 times in 5 minutes	60 times in 5 minutes			
Walks at 4.8 km. (3 miles) per hour			1	1	1	2	3			

¹Total test time for Test 2 for 2-hour, 3-hour, and 4-hour apparatus is 2 hours. ²Treadmill shall be inclined 15° from vertical and operated at a speed of 1 foot per second.

TABLE 4—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 4, IN MINUTES—Continued [42 CFR part 84, subpart H]

Activity 3 minutes 10 minutes 15 minutes 30 minutes 45 minutes 1 hour 2 hours 3 hours 4 h hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 2 hours 3 hours 4 h minutes 1 hour 3 hours 4 h hours 4 h hours 4 hours 4 h						Service	timo				
Carries 23 kg. (50 pound) weight over overcast Carries 23 kg. (60 pound) weight over overcast Carries 24 kg. (60 pound) weight over overcast Carries 25 kg. (65 pound) weight over overcast Carries 26 kg. (65 pound) Carries 26 kg. (65	Activity						1				
Sampling and readings Pulls 20 kg (45 pound) weight to 5 feet Sampling and readings Sampling a	/ touvity							1 hour	2 hours	3 hours	4 hours
readings Walks at 4.8 km. (3 miles) per hour 1 Runs at 9.7 km. 1 (6 miles) per hour 1 1 carries 23 kg. 1 (50 pound) weight over overcast 1 1 minute 1 1 minute 1 1 time in 1 minute 1 1 minute 1 1 time in 1 minute 1 1 minutes 1 1 time in 1 minute 1 1 minutes 1 2 carries 20 kg. 2 2 carries 20 kg. 4 4 times 6 times in 1 minute in 3 minutes minutes 30 times in 5 minutes minutes in 3 minutes minutes minutes	(50 pound) weight over overcast						in 3	in 8			
Nour	readings Walks at 4.8 km.			2		2	2	2			
Nour	hour Runs at 9.7 km.				1	3	3	4			
overcast	hour Carries 23 kg. (50 pound)		1	1	1	1	1	1			
Dound Weight to 5 feet						in 3	in 6	in 9			
Sampling and readings	pound) weight	in 1			in 1	in 5	in 2	in 3			
nour 1	readings Walks at 4.8 km.										
Carries 20 kg. (45 pound) weight and	hour Pulls 20 kg. (45	1		1			2	6			
(45 pound) weight and							in 5	in 5			
km. (3 miles)	(45 pound) weight and walks at 4.8 km. (3 miles)										
per hour	Sampling and										

Subpart I—Gas Masks

§84.110 Gas masks; description.

(a) Gas masks including all completely assembled air purifying masks designed for use as respiratory protection during entry into atmospheres not immediately dangerous to life or health or escape only from hazardous atmospheres containing adequate oxygen to support life are described as follows:

- (1) Front-mounted or back-mounted gas mask. A gas mask which consists of a full facepiece, a breathing tube, a canister at the front or back, a canister harness, and associated connections.
- (2) Chin-style gas mask. A gas mask which consists of a full facepiece, a canister which is usually attached to the facepiece, and associated connections.

¹Treadmill shall be inclined 15° from vertical and operated at a speed of 30 cm. (1 foot) per second. ²Perform test No. 1 for 30-minute apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 30minute apparatus.

3 Perform test No. 1 for 1-hour apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 1-hour apparatus;

paratus.

4 Perform test No. 1 for 1-hour apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 1-hour apparatus twice (i.e., two one-hour tests).